

WHAT IS CLAIMED IS:

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b15

1. A data processing apparatus comprising:
 - instruction input means for inputting a manual instruction by the operator;
 - 5 process means for executing a predetermined process based on the input by said instruction input means;
 - connection means for connection with an external device;
 - 10 display means for displaying information based on data received from the external device through said connection means;
 - discrimination means for discriminating whether the input by said instruction input means has not been executed for a predetermined period; and
 - 15 control means for causing said display means to execute display based on the data received from the external device through said connection means, in case said discrimination means judges that the input by said instruction input means has not been executed for the
 - 20 predetermined period.

2. A data processing apparatus according to claim 1, wherein said display means displays a display image
- 25 frame different for each process function executed by said process means, and said control means controls the display based on the data received from the external

device through said connection means, according to the display image frame for which the information is intended.

5 3. A data processing apparatus according to claim 1 or 2, wherein said display means is adapted to display a display image frame of information based on the data received from the external device through said connection means and an operation image frame for input
10 by said instruction input means.

 4. A data processing apparatus according to claim 3, wherein said display means is adapted to display, in distinguished manner, a first display information to be
15 displayed in place for the operation image frame for input by said instruction input means, based on the data received from the external device through said connection means, and a second display information to be displayed in the operation image frame.

20 5. A data processing apparatus according to ^{claim 1 or 2,} ~~any~~₁ of claims 1 to 4, wherein said control means receives, by MIB (management information base), data for the information to be displayed by said display means, and
25 executes reception from the external device through said connection means according to SNMP (simple network management protocol).

claim 1 or 2

6. A data processing apparatus according to ¹~~any~~
~~of claims 1 to 4~~, wherein said control means receives,
as electronic mail data, data of the information to be
displayed by said display means, from the external
5 device through said connection means.

7. A data processing apparatus according to claim
6, wherein said control means receives data of the
information to be displayed by said display means,
10 according to SMTP (simple mail transfer protocol)/POP
(post office protocol). b5
(cont)

claim 1 or 2

8. A data processing apparatus according to ¹~~any~~
~~of claims 1 to 7~~, wherein said display means is capable
15 of displaying information of plural display colors, and
said control means is adapted to vary the display color
according to the priority contained in the data
received from the external device through said
connection means.

20 9. A data processing apparatus according to claim
8, further comprising accumulation means for storing
plural files, wherein said control means is adapted to
cause said display means to display information
25 indicating the file accumulated in said accumulation
means, with different display color according to the
attribute of the file.

10. A data processing apparatus comprising:
instruction input means for inputting a manual
instruction by the operator;

5 process means for executing a predetermined
process based on the input by said instruction input
means;

connection means for connection with an external
device;

10 display means for displaying information based on
data received from the external device through said
connection means;

15 accepting means for accepting a request, from the
external device through said connection means, for the
display information so set as to be displayed on said
display means; and

transmission means for executing transmission to
the external device through said connection means,
based on the request accepted by said accepting means.

20 11. A data processing apparatus according to
claim 10, wherein said transmission means is adapted to
transmit the display information as electronic mail
data.

25 12. A data processing apparatus according to
claim 11, wherein said transmission means is adapted to
transmit the display information according to SMTP.

13. A data processing apparatus comprising:
process means for executing a predetermined
process;

5 connection means for connection with an external
device;

display means for displaying information based on
data received from the external device through said
connection means; and

10 control means for limiting the process by said
process means based on the data received from the
external device through said connection means and
displaying such limitation of the process on said
display means.

15 14. A data processing apparatus according to
claim 13, wherein said control means is adapted to
limit the printing process by said process means.

Sub 615 7 15. A control method for a data processing
20 apparatus comprising capable of executing a
predetermined process based on a manual instruction by
the operator and displaying various information on a
display device, comprising:

25 a reception step of receiving data transmitted
from an external device;

a discrimination step of discriminating whether
the input of the instruction by the operator has not

been executed for a predetermined period; and

5 a control step of causing said display device to execute display information based on the data received in said reception step, in case said discrimination step judges that the input of the instruction by the operator has not been executed for the predetermined period.

10 16. A control method for a data processing apparatus comprising capable of executing a predetermined process based on a manual instruction by the operator and displaying various information on a display device, comprising:

15 an accepting step of accepting a request, from the external device, for the display information so set as to be displayed on said display device; and

20 a transmission step of transmitting the display information to the external device, based on the request accepted by said accepting step.

17. A control method for a data processing apparatus capable of executing a predetermined process by a process unit and displaying various information on a display device, comprising:

25 an accepting step of accepting data from an external device;

a limiting step of limiting the process by said

process unit based on the data accepted by said
accepting step; and

a control step of causing said display device to
display information indicating the state of said
5 process unit, based on the data received in said
accepting step.

50718. A computer readable memory medium storing a
program for controlling a data processing apparatus
10 comprising capable of executing a predetermined process
based on a manual instruction by the operator and
displaying various information on a display device, the
program comprising:

a reception step of receiving data transmitted
15 from an external device;

a discrimination step of discriminating whether
the input of the instruction by the operator has not
been executed for a predetermined period; and

a control step of causing said display device to
20 execute display information based on the data received
in said reception step, in case said discrimination
step judges that the input of the instruction by the
operator has not been executed for the predetermined
period.

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19. A computer readable memory medium storing a
program for controlling a data processing apparatus

comprising capable of executing a predetermined process based on a manual instruction by the operator and displaying various information on a display device, the program comprising:

5 an accepting step of accepting a request, from the external device, for the display information so set as to be displayed on said display device; and

10 a transmission step of transmitting the display information to the external device, based on the request accepted by said accepting step.

20. A computer readable memory medium storing a program for controlling a data processing apparatus capable of executing a predetermined process by a process unit and displaying various information on a display device, the program comprising:

15 an accepting step of accepting data from an external device;

20 a limiting step of limiting the process by said process unit based on the data accepted by said accepting step; and

25 a control step of causing said display device to display information indicating the state of said process unit, based on the data received in said accepting step.